

**Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in this application.

**Listing of Claims:**

1. - 17. (Canceled)

18. (Currently amended) A method for making sports floor coverings comprising applying a formulation to a surface, said formulation comprising aqueous, isocyanate-free polyurethane dispersions, wherein said dispersions have a solid matter content of  $\geq 30$  percent by weight and a solvent content of  $\leq 10$  percent by weight and wherein the polyurethane polymers of said dispersions have ~~an~~ a number average molecular mass of 25,000 to 100,000 Daltons, and

are obtained by forming a polyurethane pre-adduct which is reacted with a lower molecular and anionic modifiable polyol with two or more hydroxy groups reactive with polyisocyanates and one or more carboxy groups inert with respect to polyisocyanates to produce a polyurethane prepolymer.

19. (Previously presented) A method according to claim 18, wherein said dispersions have a solid matter content ranging from

40 to 70 percent by weight.

20. (Previously presented) A method according to claim 18, wherein said dispersions have a solvent content of less than 5 percent by weight.

21. (Previously presented) A method according to claim 18, wherein said dispersions are solvent-free.

22. (Previously presented) A method according to claim 18, wherein the polyurethane polymers of said dispersions form micelles having an average particle size of from 100 to 500 nm.

23. (Cancelled)

24. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion acts as a bonding agent for elastic layers comprising rubber granulates or fibers as well as optionally additives.

25. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion acts as an adhesion promotor, said adhesion promotor being applied to an undersurface of a floor covering.

26. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion acts as a primary coat being applied to an undersurface of a sports floor covering.

27. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion acts as a spray coat, said spray coat being applied to an elastic or stiff undersurface.

28. (Previously presented) A method according to claim 27, wherein said polyurethane dispersion contains a structural filler material.

29. (Previously presented) A method according to claim 27, wherein said polyurethane dispersion contains 0.1 to 1.0 weight percent of UV stabilizers based on sterically hindered amines relative to the total weight of the formulation.

30. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion acts as a flow coat, said flow coat being applied to an elastic or stiff undersurface.

31. (Previously presented) A method according to claim 28, wherein said polyurethane dispersion contains 0.1 to 1.0 percent by weight of UV stabilizers based on sterically hindered amines

relative to the total weight of the formulation.

32. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion is applied as filler material to seal pores of undersurfaces of sports floor coverings.

33. (Previously presented) A method according to claim 18, wherein said polyurethane dispersion is applied as an adhesive to glue prefabricated elastic layers.

34. (Previously presented) A method for sealing sports floor coverings comprising applying a formulation according to claim 18, optionally together with pigments.

35. (Previously presented) A method according to claim 34, wherein said polyurethane dispersion contains 0.1 to 1.0 percent by weight of UV stabilizers based on sterically hindered amines relative to the total weight of the formulation.

36. (Previously presented) A method according to claim 18, wherein said dispersions are applied to elastic or stiff undersurfaces in layers having a total thickness of 0.1 to 50 mm.

37. (Previously presented) A method for applying said polyurethane dispersion according to claim 18 in quantities of 0.1

to 10.0 kg per m<sup>2</sup> of surface to be covered per work cycle.

38. (Previously presented) A method according to claim 18 wherein the polyurethane dispersion is a one-component formulation.